

FIG. 1

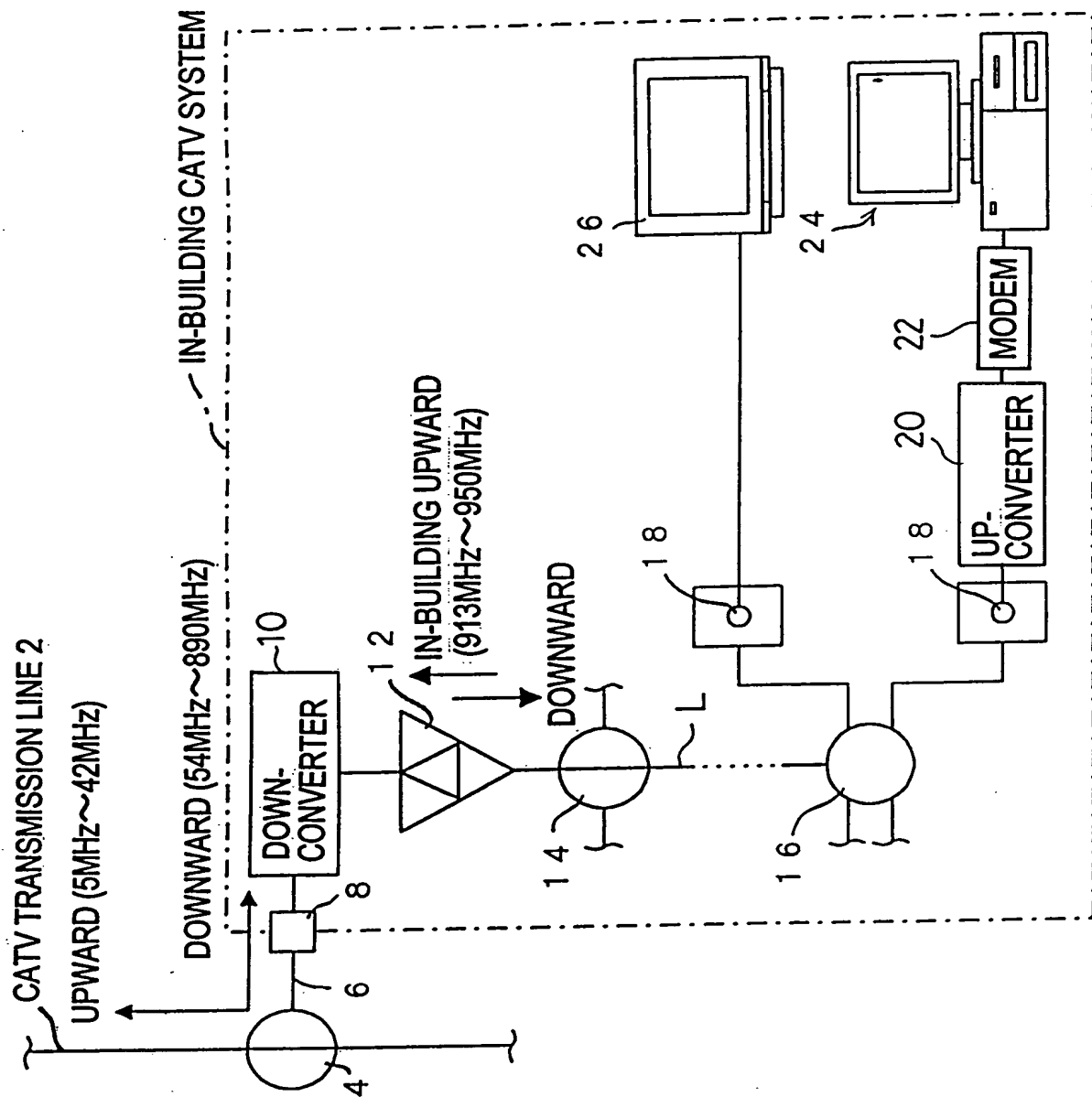


FIG. 2A

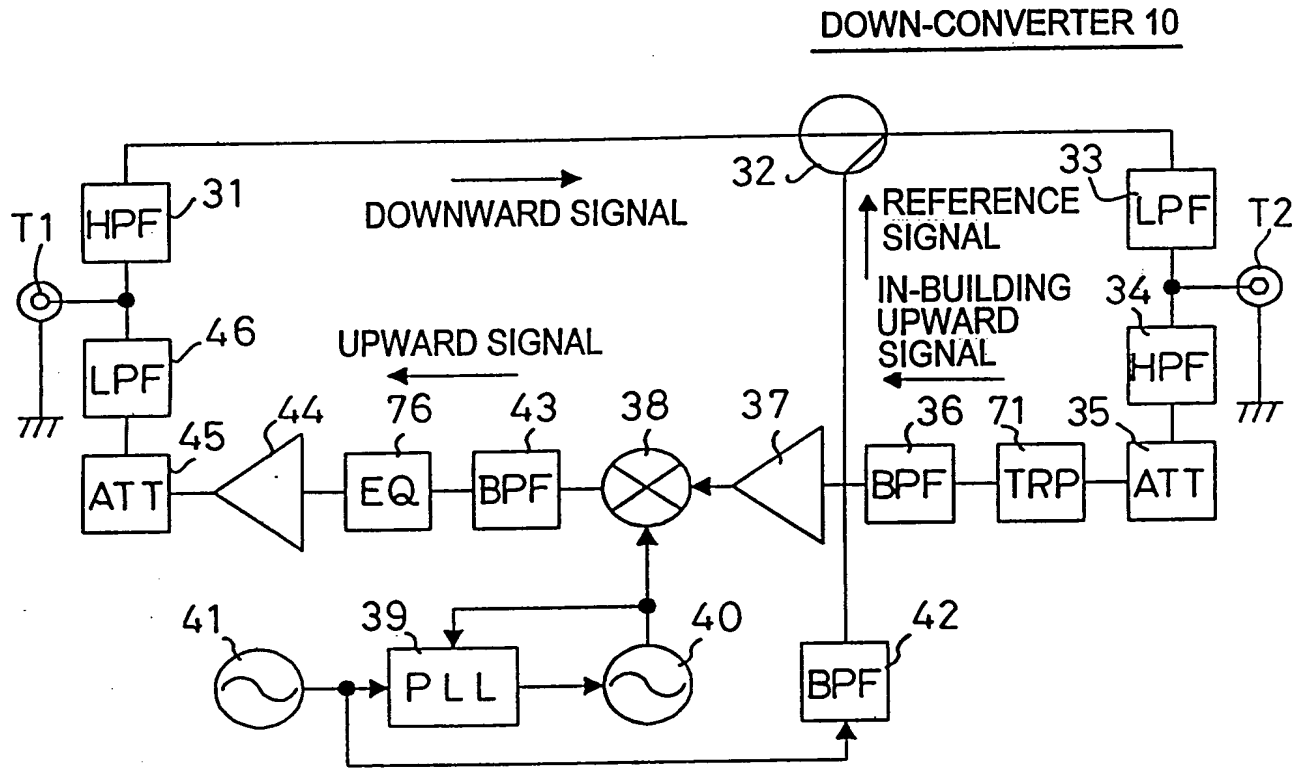


FIG. 2B

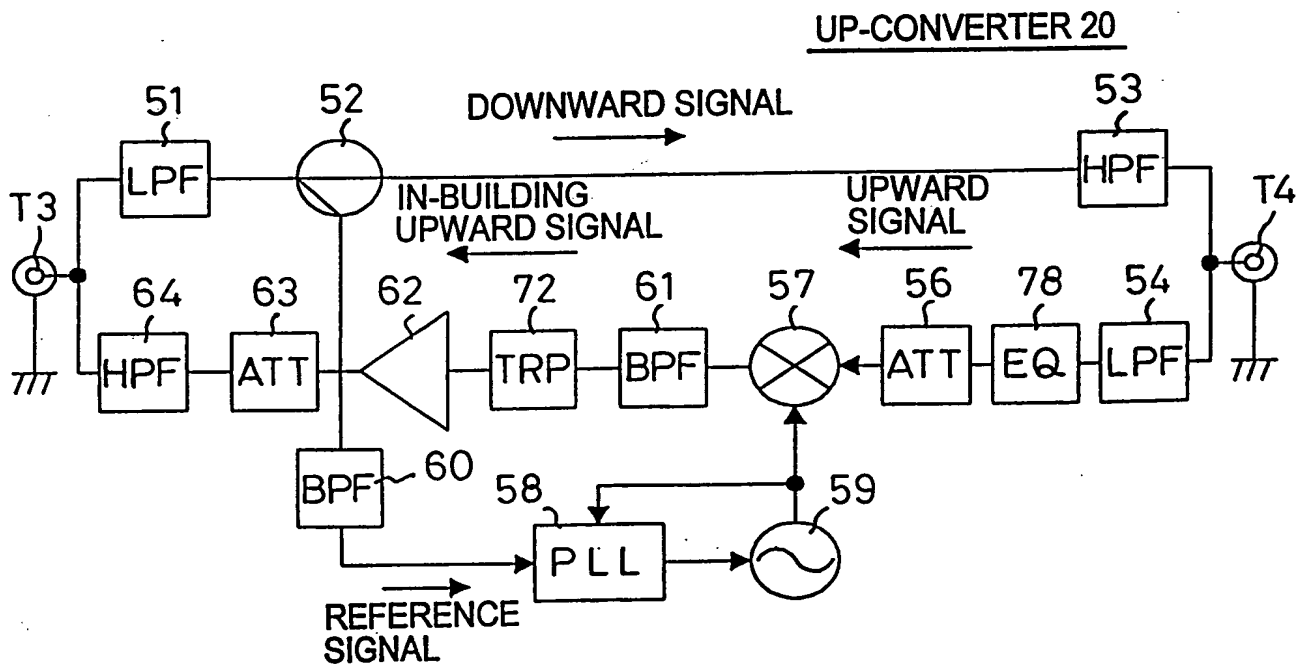


FIG. 3A

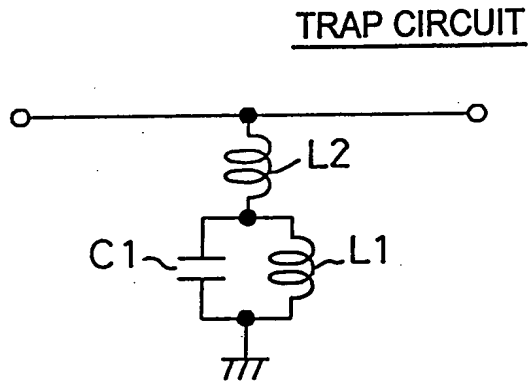


FIG. 3B

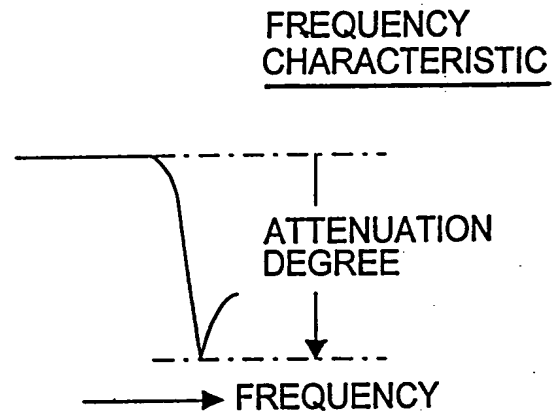


FIG. 4A

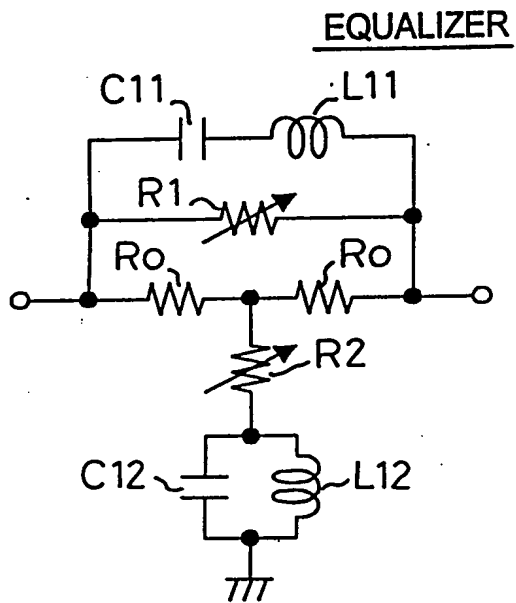


FIG. 4B

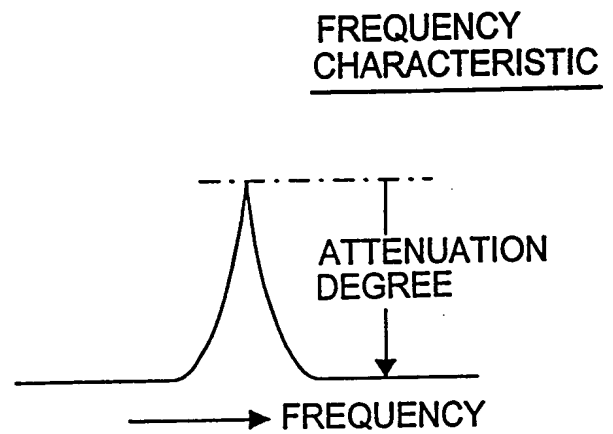


FIG. 5

TRANSMISSION CHARACTERISTIC
OF IN-BUILDING UPWARD SIGNAL

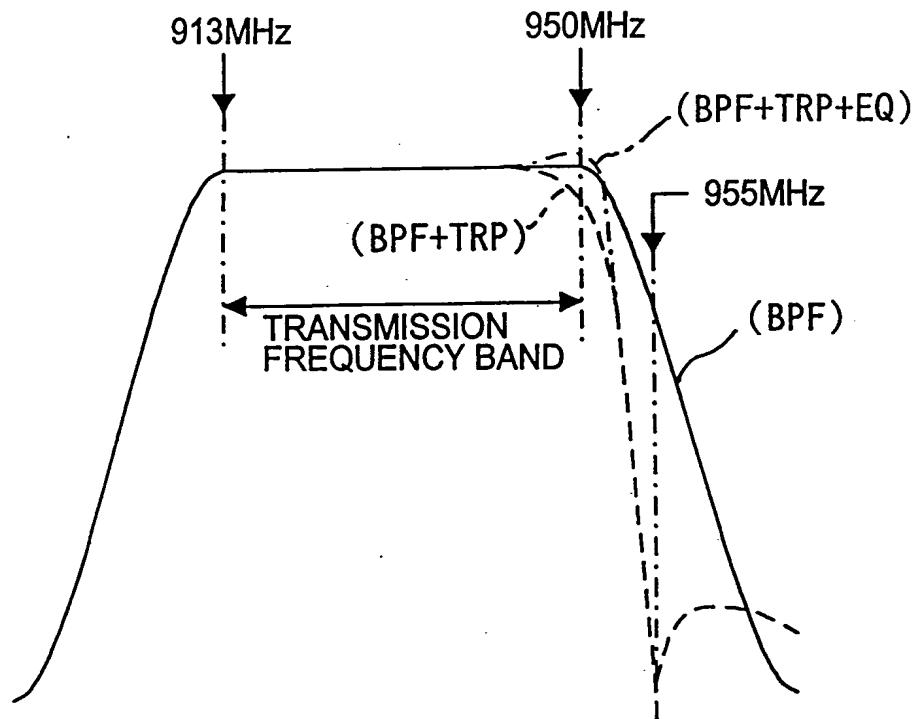


FIG. 6

BI-DIRECTIONAL AMPLIFIER 12

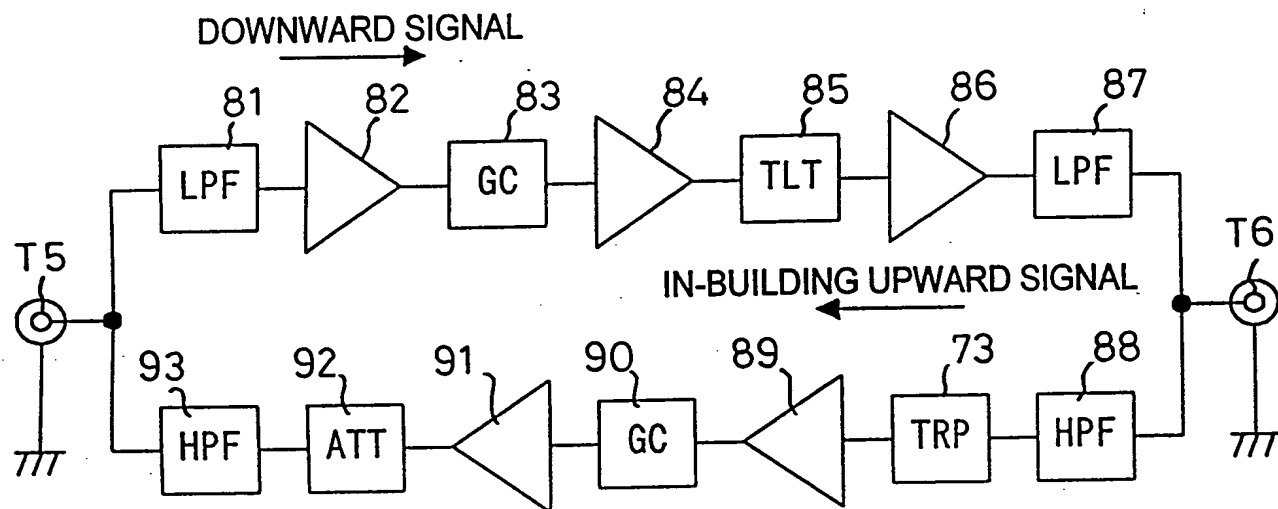


FIG. 7

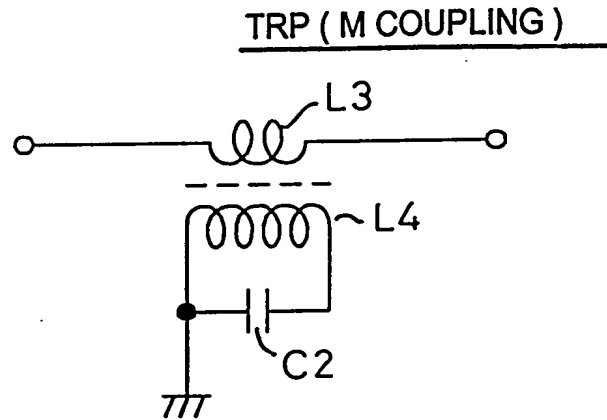


FIG. 8A

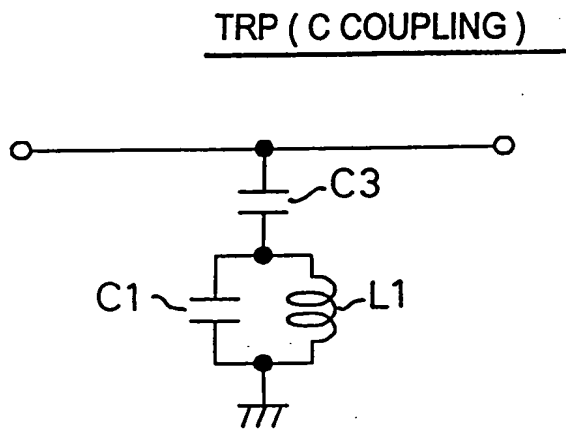


FIG. 8B

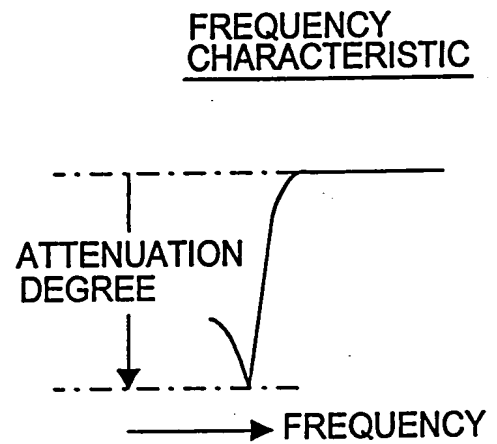


FIG. 9

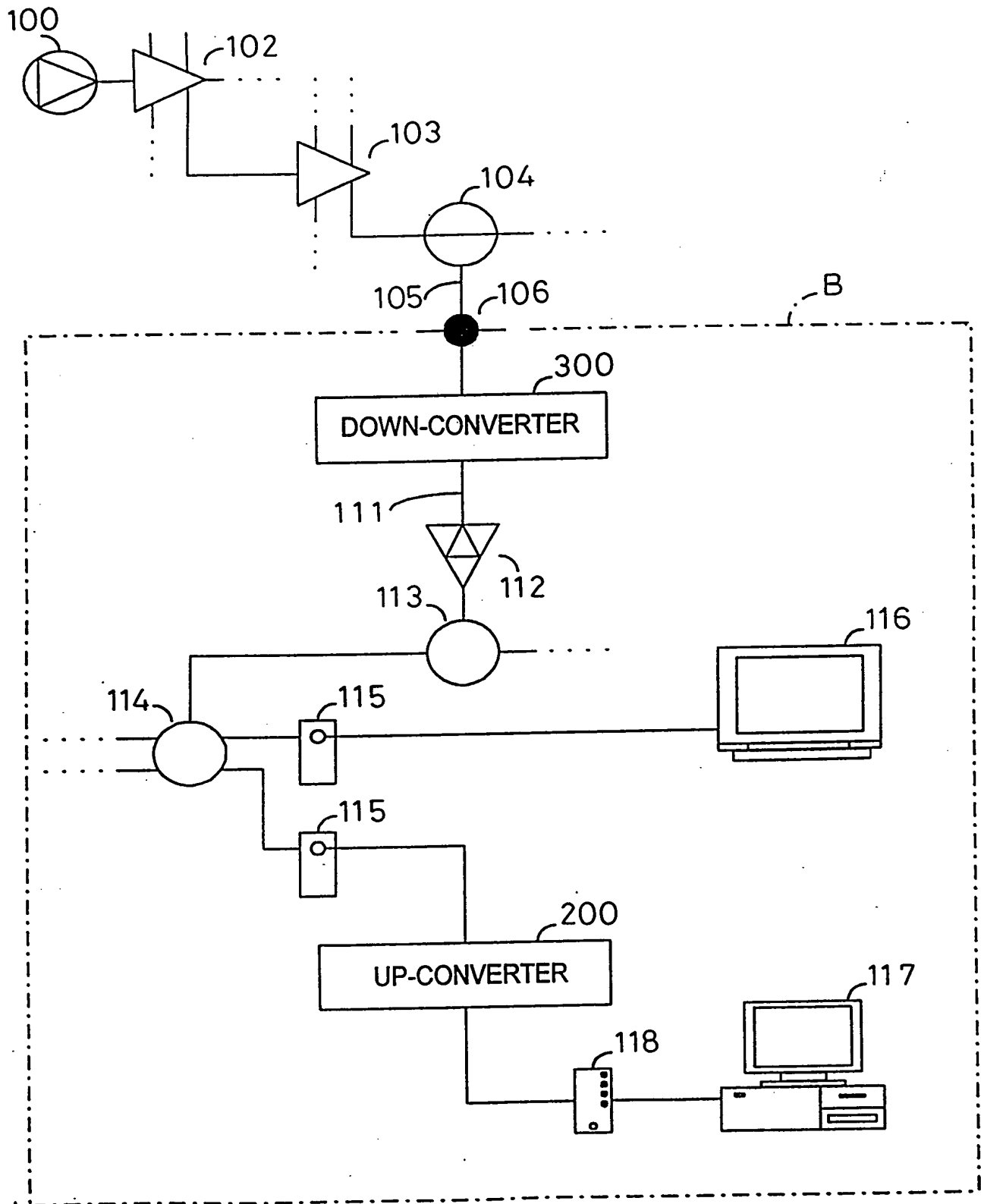
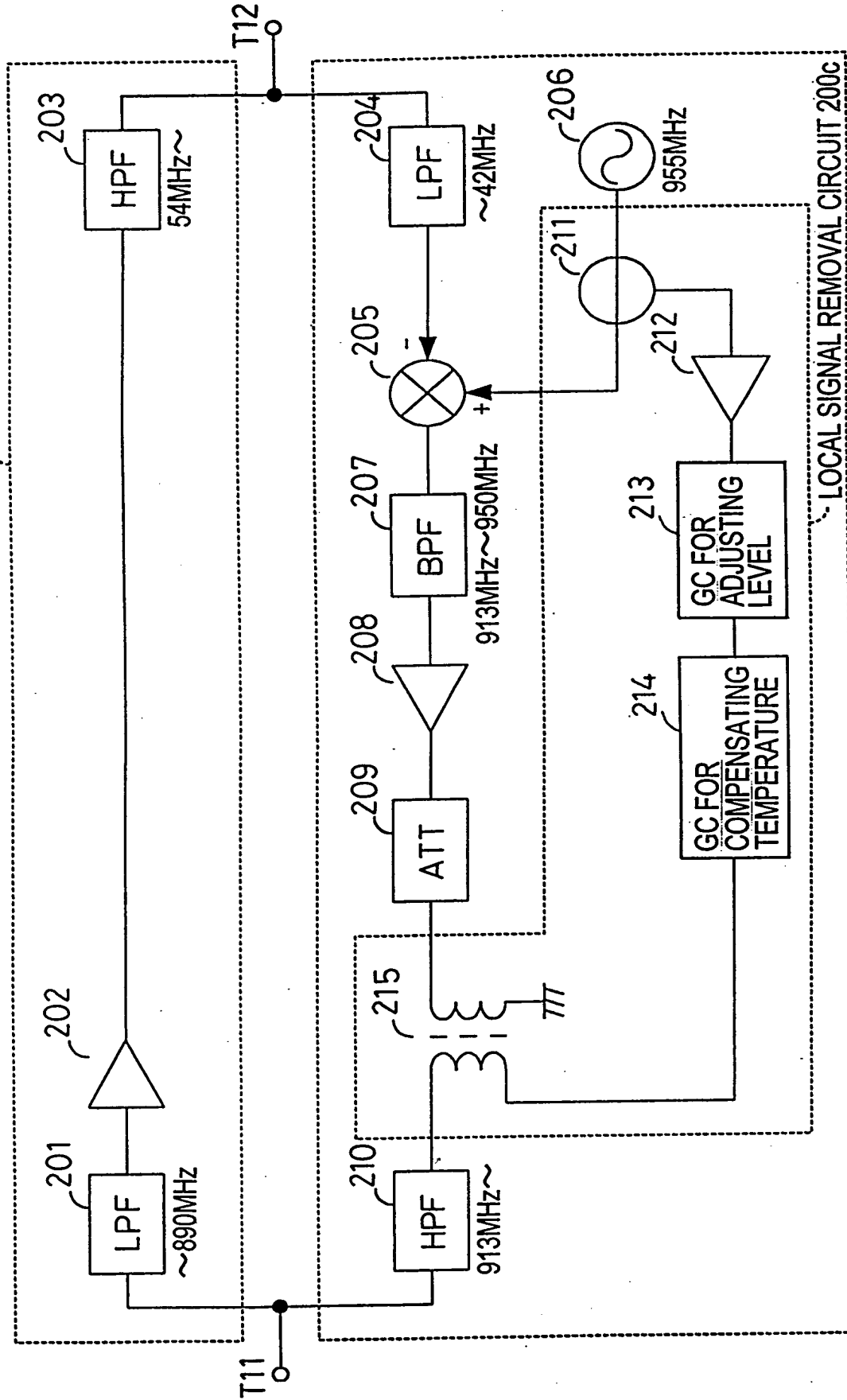


FIG. 10

UP-CONVERTER 200

DOWNWARD SIGNAL PASSING CIRCUIT 200a



UPWARD SIGNAL FREQUENCY-CONVERSION CIRCUIT 200b

FIG. 11

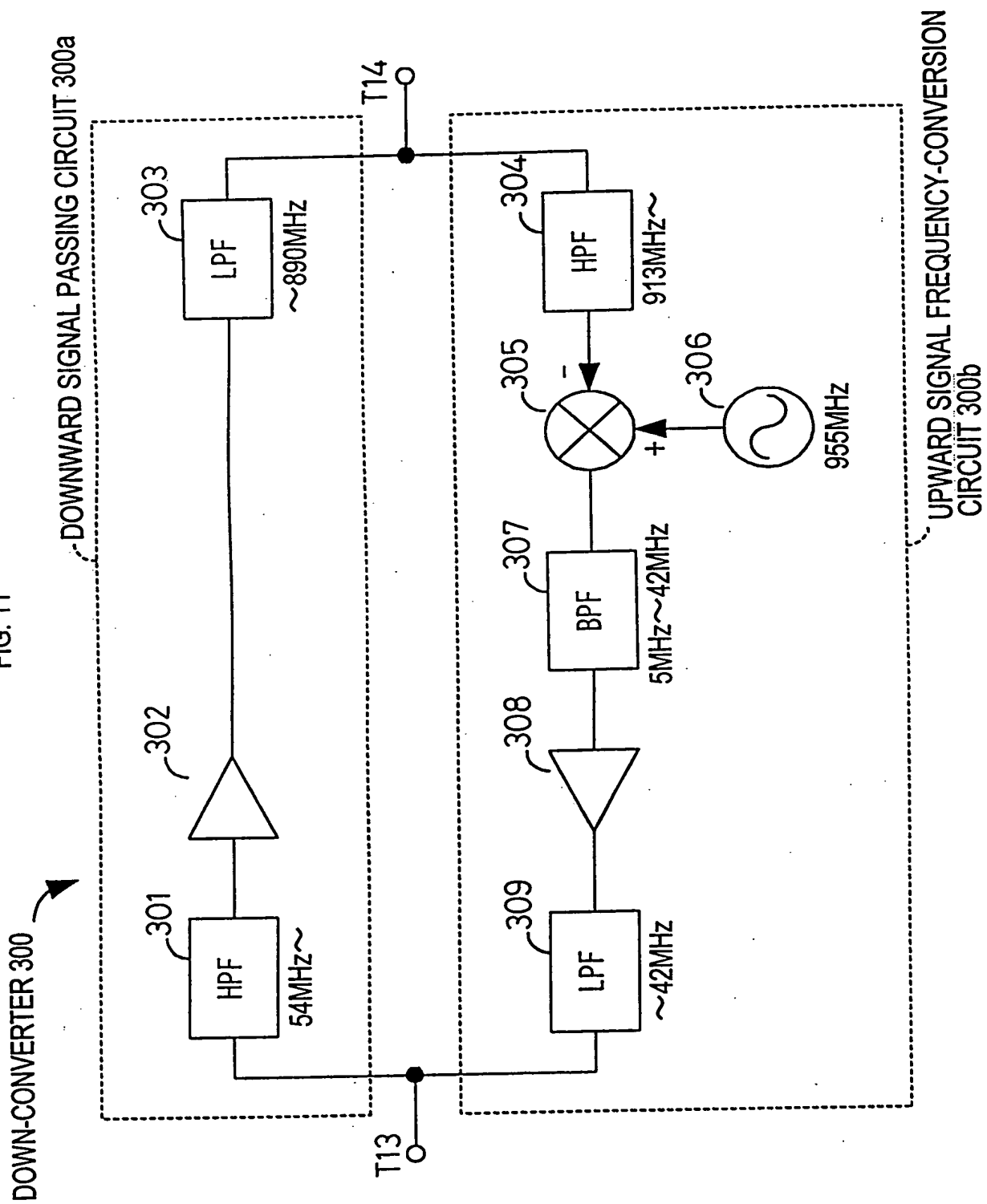


FIG. 12A

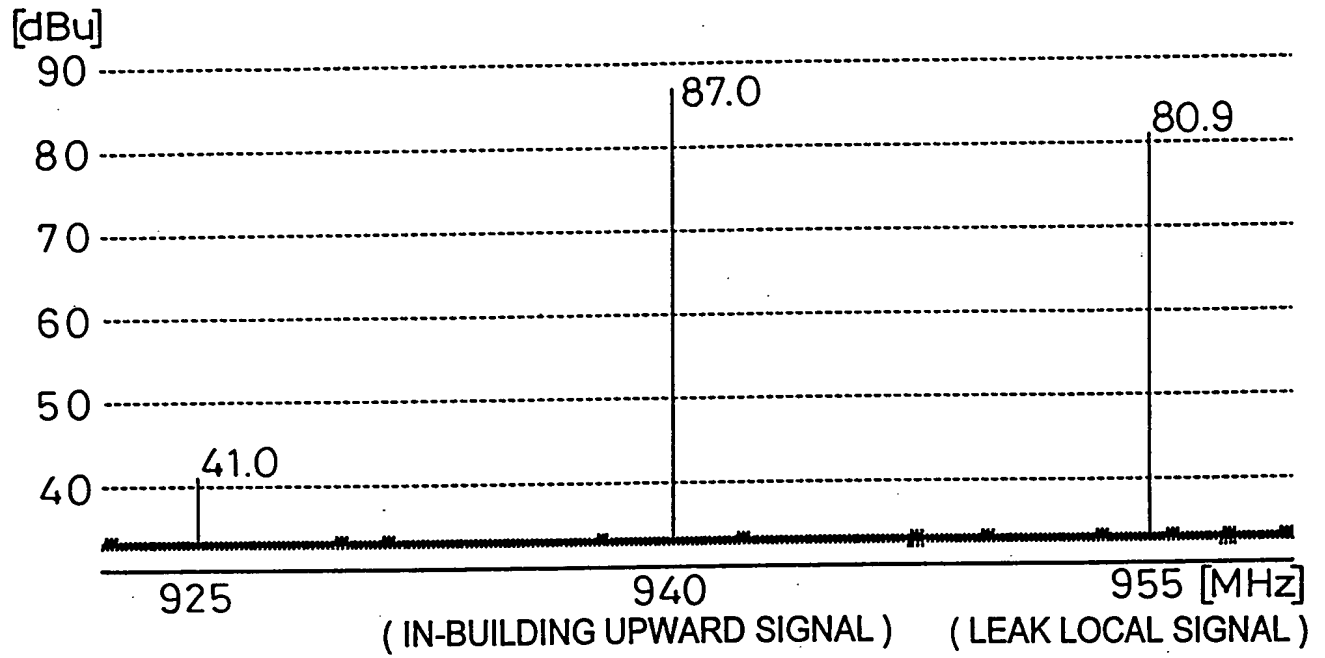


FIG. 12B

